Math 279 2020- Lep- Y Jodey: Lab 2: Graphy Office Hrs: Mord Sp Titu 11a 2001. us/my/matternarad Read Cab 3 by Thu 9/10 Couplete Lab | (blackbreed) by this Sun 9/6 16:59pm Blackbond Lats redos une tundon, so just redo any labs you want (highest score will count) elucil me at: matthew. sunderland @ csi. com, edu Error in Las I have been fixed (automotivally) by Lob Diversor (Low's Carlano) Note for lab?:

When you save you graph output,

make sive to save as .png.

Then uplosed that .pug to blockhad

poblement as required;

e.g., Lay2 C2 14 (Ersd)

I will be here to auswer &s.

until 11:30 am (9(4)).

Zoom.us/my/mattsmalled

I will also be at Office his

at 2pm-3pm today.

Moo email we with Qs.

Also can ask Qs abut Labla
or Lab2

Lab 1 due this Sun 9/6

Lab 2 due Sun 9/13.

229-D2 36383

Calculus Computer Lab Dr Matthew Sunderland

1. Synchronous lecture Friday 10:10–12:05 https://zoom.us/meeting/register/tJYudO6sqjooHNegsOPYh2HgKUWkXYf7TO6G

2. Online problem sets (labs) due Sundays (9 days after each lecture) https://bbhosted.cuny.edu

3. Written assignments due some Sundays on https://www.gradescope.com course code M8PW4X

4. Reading assignments due each night before lecture https://www.perusall.com course code SUNDERLAND-GK4L9

- 5. Matlab is required. Go to https://www.mathworks.com/login?form_type=tah_portal&uri=https %3A%2F%2Fwww.mathworks.com%2Flicensecenter%2Ftotal_headcount%2F14317-60551-55097-39870-91449%3Fs_tid%3Dtah_po_start_cuny click "No account? Create one!" and use your CSI email
- 6. Office hours [as of 8/3] Mon 5p-6p, Thu 11a-12p, Fri 2p-3p https://zoom.us/my/mattsunderland
- 7. Announcements, Lecture Recordings, and Grades posted on https://bbhosted.cuny.edu
- 8. Platform for administering exams TBD, possibly Blackboard, Gradescope, WeBWork, Respondus, or Proctortrack

Day 1 Homework

1. Download Zoom and create free account

2. Do Online Problem Set 1 (Lab 1) by Sunday 9/6

3. Submit Written Assignment 1 by Sunday 8/30—see last two pages of syllabus

4. Do first reading assignment (Lab 2) and make 1 comment by Thursday 9/3

5. Download and install Matlab on your computer.

6. Do office hour survey https://forms.gle/RRf74atLQkR3kg5DA

1. Lecture participation 2. Online problem sets Coursework 3. Written assignments Exam 1 4. Reading assignments Course Grade = Average of

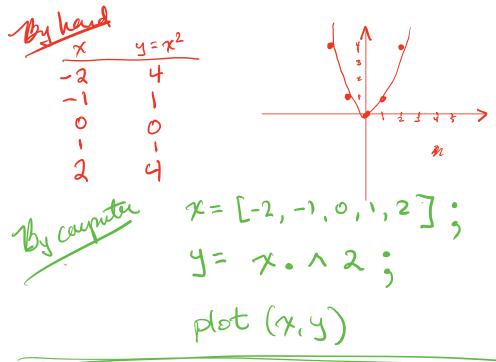
Lecture Recording Statement Students who participate in this class with their camera on or use a profile image are agreeing to have their video or image recorded solely for the purpose of creating a record for students enrolled in the class to refer to, including those enrolled students who are unable to attend live. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live.

Review: Graphing with MATLAB • plot(x,y) - plot the two lists of numbers. (by plotty puits)

Think back to how you first learned to graph a function or an equation. What would you do if you wanted to plot a graph of the parabola $y=x^2$ over the interval $-2 \le x \le 2$? We could choose a set of x values, say, x=-2,-1,0,1,2, then square each x value to determine the corresponding y value (y=4,1,0,1,4). These might be displayed together, as in the following table:

x	-2	-1	0	1	2
\overline{u}	4	1	0	1	4

We would then mark each corresponding (x,y) pair as a point on a Cartesian coordinate system, and connect the points with straight lines.



x = linspace (-2, 2);

give us a list of a bruch of evenly spaced points from -2,2

y = x. 12;

plot (x, y)